

Converting Colors

Android(4283271627)

Have a look what the booklet for
Android(4283271627) contains.

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Color

Android(4283271627)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4D89CB |
| RGB | 77, 137, 203 |
| RGB Percent | 30%, 54%, 80% |
| CMY | 0.6980, 0.4627, 0.2039 |
| CMYK | 0.62, 0.33, 0.00, 0.20 |
| HSL | 211°, 55%, 55% |
| HSV | 211°, 62%, 80% |
| XYZ | 22.7857, 23.7809, 59.8891 |
| YIQ | 126.5840, -56.9460, 7.8060 |

Conversions

Conversions Part 2

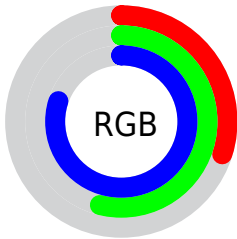
| Format | Color |
|-------------------------------------|---|
| RYB | 77, 118, 203 |
| Decimal | 5081547 |
| CIELab | 55.87, 0.83, -39.96 |
| CIElCh | 56, 39.966, 271.193 |
| Yxy | 23.7809, 0.2140, 0.2234 |
| Android (android.graphics.Color) | 4283271627 (0xFF4D89CB) |
| YUV | 126.5840, 37.6731, -43.4852 |
| Hunter-Lab | 48.7657, -1.9359, -38.6781 |

Details

The Android color `4283271627` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4291530573`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4287151871`, and `4278212756` is the 20% darker color. If you saturate the color by 10%, you get `4281958091`, and if you desaturate by 10%, it is `4284585163`.

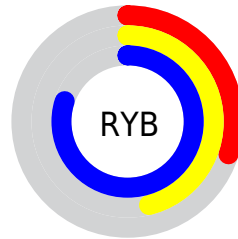
Distribution



Red (30%)

Green (54%)

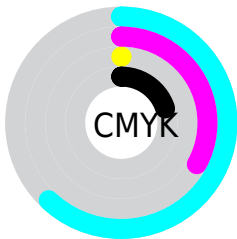
Blue (80%)



Red (30%)

Yellow (46%)

Blue (80%)

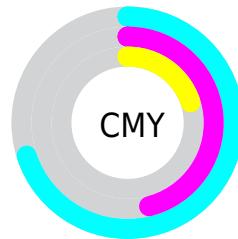


Cyan (62%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (70%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283271627 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4283271627 by changing the saturation by 10% instead.



4283271627



4283271627

4294967295



4281036975



4287151871



4278212756



4289059583



4278206842



4290967295



4278201185



4292935679



4278196041

4294901759



4278191154



4278190364



4278190080



4283271627



4283271627

■ 4281958091

■ 4284585163

■ 4280579275

■ 4285963979

■ 4279265739

■ 4287277515

■ 4278215115

■ 4288591051

■ 4289969867

■ 4291283403

■ 4292596683

■ 4293910219

■ 4294961611

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278227650



4283271627



4287265985

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4283271627



4291194212



4283077987

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4283271627



4291530573

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4285959752



4283271627



4290082890

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4283271627



4291193222



4288316479



4278229126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4283271627



4289164210



4288316479



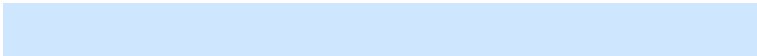
4284126041

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4283271627



4291815167



4283288462



4284641408



4278190080



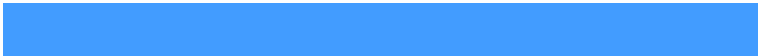
4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4283271627



4282555647



4283387339



4284244326



4278210470



4278194726

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4291513737



4294918812



4291414861



4284898401



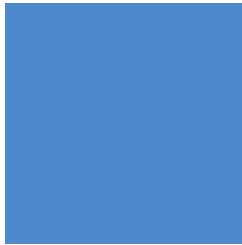
4289069135



4280680466

Previews

White Background



This preview shows how the Android color 4283271627 looks on a white background.

Color Contrast Check

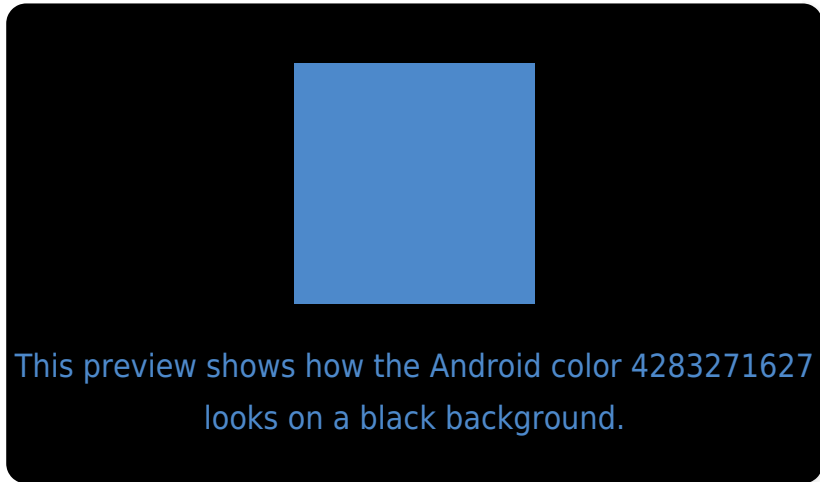
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283271627 Background



This preview shows how black text looks on a background with the Android color 4283271627.



This preview shows how white text looks on a background with the Android color 4283271627.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
4283271627

Protanomaly
4284646856

Deuteranomaly
4284122828

Tritanomaly
4282355630

Monochromacy



Original Color
4283271627

Achromatopsia
4286545791

Achromatomaly
4285367195

CSS Examples

Text

The CSS property to change the color of the text to Android 4283271627 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(77, 137, 203)` looks like.

```
.text, #text, p{  
    color:rgb(77, 137, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(77, 137, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 137, 203) }
```

Border

The CSS property to change the border of an element to Android 4283271627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 137, 203) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(77, 137, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(77, 137, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 137, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 137, 203);  
box-shadow:4px 4px 4px 4px rgb(77, 137,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4283271627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 137, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(77, 137,  
203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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